Work O	rder ID	60408
July 7, 2010	10:01:19 A	M



Page 1

July 7, 2010 10.	UI.IF AW										
Item ID: Revision ID:	D206-642-31	2		Accept				S	etup Start		
Item Name:	Skidtube RH			•					Stop		
Start Date:	7/07/10	Start Qty: 1.00			Cust Item I	D:					
Required Date:	7/14/10	Req'd Qty: 1.00			Customer:						
Reference:			11281311111111111		*						
Approvals:	Process Plan	n: CX	Date: 10/7/7	Tooling:	Da	nte:		R	un Start Stop		
	QC:		Date:	<b>SPC (Y/N):</b>	Da	ite:			~~-		
Sequence ID/ Work Center II	)	Operation Description		Set Up/ Run Hours	Tool ID		Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revi	ision Nbr									
IIN-D206-642	N										
		DOCUMENT CONTROL	,	0.00				40	for M	F 10-	-8-17
DC		Memo		0.00				$\mathcal{O}$			/
Document Control		Photocopy bl	uefile and create labels per	PPP D206-642-312	CHG006 7 (8/88)	25			f		
. •									,		
110		Pick Kit		0.00				1.1	141.	- <i>(</i> )	
				4				/0/	/8/18	SI	
Packaging		Memo		0.00						7	
Packaging	•										
120		QC4- 100% Inspect kits f	for completeness	0.00	$\sim$ . $\sim$						
					76/20/6,8			(A)			
QC		Memo		0.00							
Quality Control											

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRC	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								J. Commission of the commissio	
			<del></del>						
Part No		PAR #:	Fault Cat	egory:	_ NCR: Yes 1	No DQA:		Date: _	
	R	esolution:	Dispositi	on:	_ QA: N/C Clo	sed:		Date:	<del></del>
NCR:		\	WORK OR	DER NON-CONFORMA	NCE (NCR)	)			
DATE	OTED	Description of NC		Corrective Action Section		Verification		Approval	Approval
DATE	STEP	Section A	<b>Initial</b> Chief Eng	Action Description Chief Eng	Sign & Date	Section		Chief Eng	QC Inspector
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<sup>\*</sup> H.:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

#### Work Order ID 60408

July 7, 2010 10:01:19 AM

Required Date: 7/14/10



Page 2

Item ID:

D206-642-312

Accept

Setup Start



**Revision ID:** 

Item Name:

Skidtube RH

**Start Date:** 

7/07/10

Start Qty: 1.00

Req'd Qty: 1.00



**Cust Item ID:** 

**Customer:** 

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Date: SPC (Y/N):

Tooling:

Date: Date:

Tool # Plan

Code

Run

Accept

Qty

Start

Reject

Qty

Stop

Reject

Stop



Number Stamp

Insp.

Sequence ID/

**Work Center ID** 

130

Packaging

Packaging

140

Quality Control

Operation

Packaging

Description

Set Up/ **Run Hours** 

0.00

0.00

Identify and pack, for shipping as per PPP D206-642-312

Location: PPP Rev:

QC21- Final Inspection - Work Order Release

Memo

Memo

0.00

0.00

10/08/26 AS) - MF 10-8-26

W/O:			WORK ORDER CHANGES									
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No:		PAR #:	Fault Cate	gory:	NCR: Yes	No <b>DQ</b>	A:	Date: _				
	R	esolution:	Dispositio	n:	QA: N/C Cld	sed:		Date: _				
NCR:		1	WORK ORD	ER NON-CONFORMA	NCE (NCR	)						
DATE	STEP	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval			
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti	on C	Chief Eng	QC Inspector			
					}							

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•												
Picklist Print												Page 1
July 7, 2010 10:01	!:18 AM											
Work Order ID: 6	60408											Х
Parent Item:	0206-642-312											U
Parent Item Name:	Skidtube RH		118811		:			St	art Date: 7	/07/10	Require	d Date: 7/14/10
									Start Qty: 1		Require	ed Qty: 1.00
Comments:	IPP Rev: J□ 05.10. IPP Rev:K 07-12 IPP Rev:L 08-09- Rev:M 09-03-02 IPP Rev:N 09-03-0 as per REV.N DD	2-04 ECN 1080 29 as per DSI942 as per DSI9440 r 03 as per DSI94	p DI 21 DD ev.a ve 21 rev.b	O verified by: verified by: E rified by:EC	ec C IPP	ev:O						
Component Item ID Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per K	Kit Total Qty	Qty Issued	Date Status Issued
D206-642-341	HIN 1844 IN HIN HIN HIN 1841 IN 1841 IN 18	Manufactured	No			110	Each	3.0000		<sup>1</sup> 36	<b>\$</b> 94	rolling
Replacement Skidtube	B	60	5	Josation Jins	3/550 44043	Loc	Oty 3 1 1 1	Loc Code				
		( ·			44044		1 '				<del></del>	· 1
D206-648-013		Manufactured	No			110	Each	2.0000		B6/2	38 10	18/18
Off w wodineation				Location		Loc	Qty	Loc Code				
				FG120			2				_	
					59234		2		,	-		, 1
		Manufactured	No			110	Each	7.0000	1   <b>             </b>	B 60	253	10/8/18.
Saddle RH Out, 206				Location		Loc	<u>Oty</u>	Loc Code				
				ST421			3					
					53329		3				_	,
				ST428			4					
					58266		4					

W/O:			WO	<b>RK ORDER CHANG</b>	ES				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
-								F100 Wigi	
				•					
Part No	•	PAR #:	Fault Categ	ory:	_ NCR: Yes N	lo DQA:	·	Date:	
	R	esolution:	Disposition: QA: N/C Closed:						
NCR:			WORK ORDE	R NON-CONFORMA	ANCE (NCR)				
DATE	STEP	Description of NC		Corrective Action Section		Verifica	ition	Approval	Approval
DAIE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section	n C	Chief Eng	QC Inspector
ı									
	}								
	1	<u> </u>	†						

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P)	ıcı	K IJ	ST	r	rı	n	L

Page 2

Work Order ID: 60408

Parent Item:

D206-642-312

Parent Item Name:

Skidtube RH



**Start Date:** 7/07/10

Required Date: 7/14/10

Start Qty: 1.00

Required Qty: 1.00

Ď2933-2

Manufactured

110

Each

5.0000

Saddle RH Out, 206

Manufactured

No

Location Loc Oty ST428 5 2 52587 53330 3

110 Each 8.0000

Loc Code

Loc Code Location Loc Qty ST421 3 53332 3 ST428A 5 58269 58533 4 110 Each 7.0000 Manufactured No

Saddle RH In, 206

Location	Loc Oty	Loc Code
ST428A	7	
53334	3	
58268	1	
58535	3	

Dart Aeı	ospace	Ltd							
W/O:			WC	ORK ORDER CHANGE	S				
DATE	STEP	PRO	PROCEDURE CHANGE  By Date Qty Chief Prod						Approval QC Inspector
<del></del>									
Part No	•	PAR #:	Fault Cate	gory:	NCR: Yes	No <b>DQ</b>	A:	_ Date: _	
	Re	esolution:	Dispositio	n:	QA: N/C CI	osed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCF	R)		·	
DATE	STEP	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti	ion C	Chief Eng	QC Inspector

Work Order ID: 60408

Parent Item:

D206-642-312

Parent Item Name:

Skidtube RH



**Start Date:** 7/07/10

Required Date: 7/14/10

Start Qty: 1.00

Required Qty: 1.00



Purchased

No

110

332.0000 Each

Ď2652

Bushing

Manufactured

Location Loc Qty ST354 332 112431 32 114382 50 114522 50 114941 200 110

Each

315.0000

16

Loc Code

Loc Code

Nut

No Purchased

No

Location Loc Qty FG 44 31985 44 271 ST021 58 58176 213 59109 110 Each

2,871.000

Loc Oty Location ST300 2871 389 114523 114718 482 2000 114784 110 Each

0.0000

Loc Code

MIJS107 10 Kliest

NAS1149D0363J Purchased

Washer

Duit Ac	. ccpacc								
W/O:			WC	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
,								:	
Part No	:	PÀR #:	Fault Cate	gory:	NCR: Yes	No <b>DQ</b>	<b>A</b> :	Date: _	
	R	esolution:	Disposition	າ:	_ QA: N/C C	losed:		Date: _	
NCR:		,	WORK ORDE	ER NON-CONFORMA	NCE (NCI	٦)			
		Description of NC		Corrective Action Secti		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Secti		Chief Eng	QC Inspector
=									
;								i	

Work Order ID: 60408

Parent Item:

ÁN5-10A

D206-642-312

Parent Item Name:

Skidtube RH



Location

Location

ST337

**Start Date: 7/07/10** 

Required Date: 7/14/10

Start Qty: 1.00

Required Qty: 1.00

227.0000

Loc Code

Bolt

Purchased

Purchased

No

r No

No

No

Loc Qty 227 27 100 100 110 Each

Each

110

69.0000

AN960JD516 NAS1149D0563J Washer AN4-6A

Purchased

Purchased

ST337 112314 115016

114199

114752 115108

> 39 30 110 Each (

110

Loc Qty

69

Each

0.0000

1,308.000

Loc Code

Loc Code

12

M113706 10/8/185-

Location Loc Qty ST356 1308 96 112933 113149 409 114523 2 114615 1 114941 500 115108 300

W/O:			WORK ORDER CHANGES								
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
									·		
Part No	:	PAR #:	Fault Cat	egory:	_ NCR: Yes	No <b>DQA</b>	:	Date: _			
	R	esolution:	Dispositi	on:	_ QA: N/C Clo	Closed: Date:					
NCR:		1	WORK ORE	DER NON-CONFORMA	ANCE (NCR	)					
DATE	STEP	Description of NC			ion B	Verifica	ation	Approval	Approval		
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section	n C	Chief Eng	QC Inspector		
		,									

#### **Picklist Print**

July 7, 2010 10:01:18 AM

Page 5

Work Order ID: 60408

Parent Item:

D206-642-312

Parent Item Name:

Skidtube RH.



**Start Date: 7/07/10** 

Required Date: 7/14/10

Start Qty: 1.00

Required Qty: 1.00

ÅN960JD416

NAS1149D0463J Purchased

No

110

Each

Each

20.0000

. 24

24

Washer

MS21042L4

Purchased

No

Location Loc Qty ST351 20 108827 20 Each

110

39.0000

Loc Code

Loc Code

4,422.000

12

Location	Loc Qty	Loc Code
ST300	4410	
113422	68	
114523	28	
. 114718	314	
114784	2000	
, 115108	2000	
ST356	12	
108145	12	

110

Manufactured No

\_D3407-043

Tow Ring

Location Loc Qty ST464 39 7 50176 20 50387 53351 12

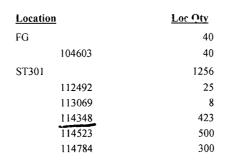
W/O:			WO	<b>RK ORDER CHANGES</b>						
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng /	Approval QC Inspector	
								Prod Mgr		
								•		
Part No	•	PAR #:	Fault Categ	jory: N	ICR: Yes	No DG	A:	Date: _		
	R	esolution:	Disposition	ı: (	QA: N/C Closed:			Date:		
NCR:		WORK ORDE	R NON-CONFORMANO	CE (NCF	₹)					
		i								
DATE	CTED	Description of NC		Corrective Action Section B		Verif	ication	Approval	Approval	
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B Action Description Chief Eng	Sign 8	k Sec	ication tion C	Approval Chief Eng	Approval QC Inspector	
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign 8	k Sec				
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign 8	k Sec				
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign 8	k Sec				
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign 8	k Sec				
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign 8	k Sec				
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DATE	STEP	Description of NC Section A	Initial	Action Description	Sign 8	k Sec				
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign 8	k Sec				
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign 8	k Sec				

<b>Picklist Print</b> July 7, 2010 10:01:18 AM					Page 6
Work Order ID: 60408  Parent Item: D206-642-312  Parent Item Name: Skidtube RH				<b>Start Date:</b> 7/07/10 <b>Start Qty:</b> 1.00	Required Date: 7/14/10 Required Qty: 1.00
D3456-1	Manufactured	No	110 Each	57.0000 1 1	(101)
- D3457-1	Manufactured	Location ST058 54692 No	Loc Oty 57 57 110 Each	65.0000 2 2 2 (3)	_    1889

Location Loc Qty Loc Code FG 10 10 32409 ST059 55 45913 4 52981 51 110 Each 1,296.000



Purchased No



Loc Code

\_\_\_\_

Dart Ae	rospace	e Ltd						
W/O:			WO	RK ORDER CHANGE	S			
DATE STEP		PRO	CEDURE CHAI	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								:
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA:	_ Date: _	
	R	esolution:	Disposition	n:	QA: N/C Clo	sed:	Date: _	
NCR:		\	WORK ORDE	ER NON-CONFORMA	NCE (NCR	)		
		Description of NC	Corrective Action Section B			Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
-	-	<del> </del>					<del></del>	<del> </del>

Work Order ID: 60408

Parent Item:

D206-642-312

Parent Item Name:

Skidtube RH



110552 112243

**Start Date:** 7/07/10

Required Date: 7/14/10

Start Qty: 1.00

Required Qty: 1.00



Purchased

No

110

514.0000 Each

1	
AN960C416	

NAS1149C0463 Purchased

No

No

Loc Oty					
	514				
	14				
	500				
10	Each				

Loc Code

114.0000



M112314 10/8/18\$

>	washer	

K	
<b>Б</b> 3413-1	M



Set Screw

No **lanufactured** 

100993

Location

ST346

**Location** ST346

> 114 114 110 Each

Loc Qty

Loc Code

Loc Code

Loc Code

32.0000

(FD2712		

Manufactured

Location Loc Oty ST473 32 51586 1 23 53446 58524 8 110

203.0000 Each

Location	Loc Qty		
FG	50		
29962	50		
ST022	153		
16400	20		
50415	133		

W/O:									
DATE	STEP		PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR:	#: Fault Category:	NCF	R: Yes	No DQA	↓ <b>\</b> :	Date:	

NCR:		,	WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC		Corrective Action Section B		Verification	Approval	Annroyal		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector		
						! !				

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Work Order ID: 60408

Parent Item:

D206-642-312

Parent Item Name:

Skidtube RH



**Start Date:** 7/07/10

Required Date: 7/14/10

Start Qty: 1.00

Required Qty: 1.00

Saddle Spacer

/10293	4		

Manufactured

110

Each

72.0000

Loc Code

Loc Code

f <sub>D</sub> :	2935			
Ä			188 INSL	
-,				
${Sa}$	ddle S	Spacer	•	

Manufactured No

Loc Qty Location FG 6 31929 6 ST031 66 66 59641 110 Each

58.0000

Location	Loc Qty
ST028	45
59642	45
ST031	13
502 11	13

Dail AE	iuspac	e Liu						**	
W/O:				WORK ORDER	CHANGES				
DATE	STEP		PRO	CEDURE CHANGE	В	/ Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	1								
<del></del>									
Part No	·:		PAR #:	Fault Category:	NCR: \	es No <b>D</b> O	QA:	Date: _	
	F	Resolution:		Disposition:	QA: N/	C Closed: _		Date: _	

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NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE STE		Description of NC		Corrective Action Section B			Annuaval	Ammental	
	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector	
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### DART AEROSPACE USA, INC.

## **REFERENCE ONLY**

D206-642



#### 206 L/L-1/L-3/L-4/407 LOW & HIGH GEAR SKIDTUBES 4.5

Item	Qty -311	Qty -312	Qty -341	Qty -347	Qty -013	Part Number	Description
	X					D206-642-311	SKIDTUBE INSTALLATION, LH
		Х				D206-642-312	SKIDTUBE INSTALLATION, RH
	1	1	Х			D206-642-341	SKIDTUBE
				Х		D206-642-347	WEARSHOE KIT (REPLACES -343)
	1	1			Х	D206-648-013	GROUND HANDLING KIT
			1			D2650-5	SKIDTUBE ASSEMBLY
1 2A			14			D2651-1	* PLUG (1)
			14			D2651-3	* O-RING (1)
2B			1			D2646	* AFT CAP (1)
3 4			2			MS27039-1-08	* SCREW (1)
5						AN960JD10L	* WASHER (1)
- 3 -						7.11.00002.00	
6	1					D2932-1	SADDLE, FWD OUT, LH
6		1				D2932-2 /3	SADDLE, FWD OUT, RH
7	1					D2933-1	SADDLE, FWD IN, LH
7		1				D2933-2 —	SADDLE, FWD IN, RH
8	1					D2938-1	SADDLE, AFT OUT, LH
8		1				D2938-2 ·	SADDLE, AFT OUT, RH
9	1					D2939-1	SADDLE, AFT IN, LH
9		1				D2939-2	SADDLE, AFT IN, RH
10	8	8				AN3-41A	BOLT
11	16	16				D2652	BUSHING
12A	8	8				MS21042-3	NUT (OR MS21042L3)
12B	8	8				AN960JD10	WASHER
13	4	4				AN5-10A (OR AN5-11A)	* BOLT <sup>(2)</sup>
14	4	4				AN5-11A (OR AN5-12A)	* BOLT (2)
15	8	8		i		AN960JD516	WASHER
16	12	12				AN4-6A	BOLT
17	24	24				AN960JD416	WASHER
18	12	12				MS21042-4	NUT (OR MS21042L4)
						D3537-1	WEARPAD (REPLACES D2648-3)
20A		ļ	6	6		D3537-1	WEARPAD (REPLACES D3429-1)
21A			1	1		D3535-11	WEARSHOE (REPLACES D2656-11)
22A			1	1 1		D3536-11	GASKET
22B			11	1	<u> </u>	D3535-23	WEARSHOE (REPLACES D2656-23)
23A			1	1	ļ	D3535-23	GASKET
23B			11	1 1		D3535-35	WEARSHOE (REPLACES D2656-35)
24A			1			D3536-35	GASKET
24B			1	1 54		MS27039C1-08	SCREW
26A		<del></del>	54	54 54		AN960C10L	WASHER
26B		<del></del>	54	54	-	ALS7-1032-130	*INSERT (1)
26C		İ	54			ALG7-1002-100	(or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	. 1				D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
31	1	1		t		D3456-1	WASHER
32	1	1		<u> </u>		D3457-1	WASHER
33	1	<del>                                     </del>		<del> </del>		MS21043-4	NUT
34	1	1				AN4C5A	BOLT
35	1	1				AN960C416	WASHER
36	1	1				D3413-1 /	RING (REPLACES D2655)
37	10	10	<del> </del>	<del> </del>		D2712	SET SCREW
38	2	2	<del> </del>	<del>                                     </del>	<del>                                     </del>	D2934	SADDLE SPACER
39	2	2	<del> </del>	<del> </del>	<del>                                     </del>	D2935	SADDLE SPACER
38	<del>  -</del>	<del>                                     </del>	l	<del> </del>	<del>                                     </del>		
40	l	T		1	2	D3414-041	GHW LUG (REPLACES D2659)
41	t	1		†	4	AN3C37A	BOLT
42	<del> </del>	<del> </del>	<del>                                     </del>		8	D2652	BUSHING
43	<del> </del>	†	<del>                                     </del>	†	4	MS21043-3	NUT
44	<del> </del>	<del>                                     </del>		<b>†</b>	4	AN960C10	WASHER

NOTES: (1) DENOTES THAT PART IS INCLUDED WITH D2650-5 ASSEMBLY ABOVE (2) CHOICE OF BOLT WILL DEPEND ON CROSSTUBE (SEE INSTALLATION PROCEDURE)

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Revision:

Date: 09.09.09